REMARKS

Claims 3, 5-7 and 21-24 and 32 are pending in this application. By this Amendment, claims 3, 5-7 and 21-24 are amended, claims 1, 8, 9, 13-15 and 25-31 are canceled and claim 32 is added.

Counsel thanks the Examiner for his courtesies extended during the telephone discussions had before and after issuance of the outstanding action. Accordingly, counsel has canceled all of the independent claims and added new independent claim 32 that substantially follows the language in the Advisory Action dated June 23, 2006. None of the prior art of record teaches or suggests a memory device comprising multiple memory arrays that operate at different operating voltages and/or utilize different sense amplifier architectures compensated for by their physical placement for optimizing power efficiency of the memory device. Data comprising a single read and/or write transaction at a point in time consists of data respectively read from and/or respectively written to the multiple memory arrays.

Based upon the foregoing, it is respectfully submitted that the present application is condition for allowance. Should the Examiner have any questions or comments, he is cordially invited to telephone the undersigned so that the present application may receive a prompt Notice of Allowance.
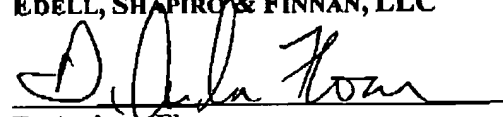
No extension of time or other fees are believed to be due. However, Applicants hereby petition for any extension of time that may be necessary to maintain the pendency of this application. The Commissioner is hereby authorized to charge payment of any additional fees required for the above-identified application or credit any overpayment to Deposit Account No. 05-0460.

Dated: July 12, 2006

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